

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 82-19

NPDES NO. CA0028282:

WASTE DISCHARGE REQUIREMENTS FOR:

TRIPLE A MACHINE SHOP, INC.
HUNTERS POINT
SAN FRANCISCO

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board) finds that:

1. Triple A Machine Shop, Inc., San Francisco, hereinafter called the discharger submitted a report of waste discharge dated September 18, 1981. Previously this Board considered and adopted Waste Discharge Requirements Order No. 77-15.
2. The discharger repairs and performs maintenance on various seagoing vessels at six graving docks located at Hunters Point Naval Shipyard in San Francisco. The discharge consists of residual spent abrasives which remain on the concrete floor of the graving docks. The abrasives may contain decaying marine organisms, heavy metals, toxic paint residues, oil and grease, and other materials.

The residual abrasives come in contact with bay water when the graving dock is flooded. Any spills of liquid wastes during maintenance and repair work could enter a sump at the lower end of the drydock and could be pumped to bay waters immediately outside the graving dock. Hydrostatic relief water and gate leakage are also pumped to the bay. These are not normally polluted and are not regarded as waste discharges.

3. The Board, on April 8, 1975, adopted a Water Quality Control Plan for the San Francisco Bay Region. The Plan contains water quality objectives for the San Francisco Bay. The Plan includes a prohibition against the discharge of conservative toxic materials above those levels which can be achieved by source control, and prohibits bottom deposits in measurable concentrations above natural background levels.
4. The beneficial uses of San Francisco Bay are:
 - a. Recreation
 - b. Fish migration and habitat
 - c. Habitat and resting for waterfowl and migratory birds
 - d. Industrial, agricultural & municipal water supply
 - e. Esthetic enjoyment
 - f. Navigation

5. Effluent limitations and toxic effluent standards established pursuant to Sections 208(b), 301, 304 and 307 of the Federal Water Pollution Control Act and amendments thereto are applicable to the discharge.
6. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
7. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.
8. This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act.
9. The reissuance of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with Section 21000) of Division 13 of the Public Resources Code in accordance with Water Code Section 13389.

IT IS HEREBY ORDERED that Triple A Machine Shop, Inc., in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Effluent Limitation

Prior to the flooding of a graving dock the discharger shall remove spent abrasives, paint residues, and other debris from those portions of the graving dock floor which are reasonably accessible, to a degree achievable by scraping or broom cleaning. After a vessel has been removed from a dock, the remaining areas of the floor which were previously inaccessible shall be cleaned by scraping or broom cleaning as soon as practicable, and prior to the introduction of another vessel.

This provision shall not apply in cases where a vessel must be introduced into the graving dock on an emergency basis such as to prevent sinking or leakage of oil or other materials. The Executive Officer shall be notified in such cases and, when possible, his prior approval shall be obtained.

B. Discharge Prohibitions

1. Except as specified in A., discharge of solid or liquid wastes to waters of the State is prohibited.

2. Discharge of sewage or other liquid wastes to the graving docks floor is prohibited. Spills of such wastes shall be cleaned up and prevented from entering the sumps at the lower ends of the graving docks.

C. Receiving Water Limitations

1. The discharge of waste shall not cause the following conditions to exist in waters of the State at any place.
 - a. Floating, suspended, or deposited macroscopic particulate matter or foam;
 - b. Bottom deposits or aquatic growths;
 - c. Alteration of temperature, turbidity, or apparent color beyond present natural background levels;
 - d. Visible, floating, suspended, or deposited oil or other products of petroleum origin;
 - e. Toxic or other deleterious substances to be present in concentrations or quantities which will cause deleterious effects on aquatic biota, wildlife, or waterfowl, or which render any of these unfit for human consumption either at levels created in the receiving waters or as a result of biological concentration.
2. The discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder.

D. Provisions

1. The discharger shall comply with all sections of this Order immediately upon adoption.
2. This Order includes all items of the attached "Standard Provisions, Reporting Requirements and Definitions" dated April 1977 except items A5, A12, B1, B2, B3 and B5.
3. This Order expires on April 21, 1987, and the discharger must file a report of waste discharge in accordance with Title 23, California Administrative Code, not later than 180 days in advance of such date as application for issuance of new Waste Discharge Requirements.
4. The discharger shall comply with the Self-Monitoring Reporting Program as ordered by the Executive Officer.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on April 21, 1982.

FRED H. DIERKER
Executive Officer

Attachments:

Standard Provisions, Reporting
Requirements and Definitions - April 1977